

ABSTRACT OF THE DISCLOSURE

The invention provides an image interpolating method, which comprises receiving the low resolution pixels Y_{ij} . Then, a homogenous area and an edge area of the image are determined according to pixel differences of the pixels $Y_{2i, 2j}$ in comparing with a threshold. Then, the pixels $Y_{2i, 2j}$ belonging to the homogenous area are interpolated by a first interpolating algorithm, while the pixels $Y_{2i, 2j}$ belonging to the edge area are interpolated by a second interpolating algorithm.